

Claims

1. Control of the movement of a sliding or swinging and sliding door (1) in the end closing area(X) of the door leaf (2), wherein by means of a free wheel (8) or the like the movement of the door leaf (2) in the closing direction is possible always, but the movement in the opening direction is possible only when a brake, coupling (9) or other fixation for the part of the free wheel remote from the door leaf is lifted, and wherein a device for determining the door position is present, characterized in that possibly present conventional measures as safety devices against pinching in the predetermined end closing area(x) are deactivated; that, as long as the door leaf (2) is within the end closing area(x), the current supply of the door drive (5) and thus the closing force (F) acting on the door leaf (2) is reduced to a lower value (FS); and that the brake, coupling (9) or the like, which acts onto the part of the free wheel (8), remote from the door leaf, is lifted.

2. Control according to claim 1, characterized in that the brake, coupling (9) or the like engages when a predetermined time interval has elapsed.

3. Control according to claim 1, characterized in that the brake, coupling (9) or the like engages when the train has reached a predetermined speed.

4. Control according to claim 1, characterized in that the brake, coupling (9) or the like is effected upon leaving of the station by a signal transponder located on the station platform.

5. Control according to one of the preceding claims, characterized in that the end closing area(x) is approximately 150 mm.
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6. Control according to one of the preceding claims, characterized in that the closing force (FS) on the door leaf (2) in the end closing area(x) is 50 N to 150 N, preferably approximately 75 N.
7. Control according to one of the preceding claims, characterized in that the end closing area(x) is approximately 150 mm.